

Special Issue

Control and Topologies of Current Source Inverters

Message from the Guest Editors

This Special Issue is intended to give insights into the latest studies concerning the design and development of current source topologies, as well as the mitigation of the associated issues. We encourage all researchers and engineers working in this area to submit original works for review and publication in this Special Issue. Topics of interest include, but are not limited to, the following:

- Traditional and innovative CSI topologies in various applications.
- Modeling, design, and application of different types of CSI converters.
- Design and control of power-dense and efficient CSI converters for industry, transportation, and power generation applications.
- Dedicated CSI control algorithms for electric drives applications.
- Optimized CSI modulation techniques to improve efficiency, power quality, and harmonic content, and to mitigate common mode disturbances.
- Bi-directional and/or multilevel CSI

Guest Editors

Prof. Dr. Fabio Immovilli

Department of Sciences and Method for Engineering, University of Modena and Reggio Emilia, 42122 Reggio Emilia, Italy

Prof. Dr. Emilio Lorenzani

Department of Science and Methods for Engineering, University of Modena and Reggio Emilia, 42121 Reggio Emilia, Italy

Deadline for manuscript submissions

closed (28 February 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/81773

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)